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DSC-H300/B

Sony High Zoom Point and Shoot Camera

Specifications

Camera	
Camera Type	High Zoom digital camera
Imaging Sensor	
Imaging Sensor	1/2.3" Super HAD CCD Sensor
Processor	Bionz(R)
Pixel Gross	20.4MP
Effective Picture Resolution	20.1MP
Color Filter System	RGB primary color mosaic filters
Recording	
Media Type	SD, SDHC and SDXC memory card Memory Stick PRO Duo™/Pro-HG Duo™ media
Color Space	sRGB
Still Image Mode	JPEG
Still Image Max Effective Resolution	Approx. 20.1 Megapixels
Still Image Size 16:9	15M (5,152 x 2,896) / 2M (1,920 x 1,080)
Still Image Size 4:3	20M (5,152 x 3,864) / 10M (3,648 x 2,736) / 5M (2,592 x 1,944)
Panorama Still Image Size	Sweep Panorama: 360° (11,520 × 1,080) / Wide (7,152 x 1,080 / 4,912 x 1,920) / Standard (4,912 x 1,080 / 3,424 x 1,920)
Video Format	MP4 (AVC / H.264)
Video Mode	1280 x 720 (Fine)(1,280 × 720/30fps) /1280x720 (Standard)(1,280 × 720/30fps) / VGA (640 × 480/30fps)
Microphone/Speaker	Mono / mono
Still Image File Format	Still Image: JPEG, Movie: MP4 (MPEG-4 AVC/H.264)
Optics/Lens	
Lens Type	Sony Lens
Aperture	f 3.0 - 5.9
Optical Zoom	35x
Digital Zoom	2x
Total Zoom	70x
Focal Length (35mm equivalent)	Still 4:3: 25 - 875mm / Still 16:9 : 27.2 - 954mm / Movie 16:9: 30.3 - 1060mm / Movie 4:3: 27.8 - 973mm
Minimum Focus Distance	iAuto: AF (W: Approx.1cm (0.03') to Infinity, T: Approx. 350cm (11.48') to Infinity) / Program Auto: AF (W: Approx.1cm (0.03') to Infinity, T: Approx. 350cm (11.48') to Infinity)
LCD Display	
LCD Type	3.0" Clear Photo™ LCD (460K dots)
Brightness Control	5 (Bright) / 4 / 3 / 2 / 1 (Dark)
Histogram	Yes
Grid Display	Yes
Focus Control	
AF Modes	Multi Point AF / Center Weighted AF / Spot AF / Tracking Focus / Face Tracking Focus
AF Illuminator	Auto / Off

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Exposure System	
Metering Modes	Multi Pattern / Center Weighted / Spot
Metering Sensitivity	Auto:(ISO100-ISO800 Level)
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
Scene Mode(s)	High Sensitivity / Night Scene / Night Portrait / Landscape / Soft Snap / Soft Skin / Beach / Snow / Fireworks / Gourmet / Pet Mode
D-Range Optimizer	Standard / Plus / Off
ISO	Auto / 80 / 100 / 200 / 400 / 800 / 1600 / 3200
White Balance Mode	Auto / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / One Push, One Push Set
Minimum Illumination	Auto: 28 lux (Shutter Speed 1/30)
Drive System	
Continuous Shooting Speed	Approx.0.80 fps(100 shots)
Self-timer	Off / 10sec. / 2sec. / portrait1 / portrait2
Shutter Speeds	iAuto (2 - 1/1500) / Program Auto (1 - 1/1500) / Manual (30 - 1/1500)
Flash	
Flash Modes	Auto / Flash On / Slow Synchro / Flash Off / Advanced Flash
Flash Coverage	ISO Auto: Approx. 0.4 m to 8.8 m (1.3 feet to 28.8 feet)(W) / Approx.3.5 m to 4.6 m (11.4 feet to 15.0 feet)(T) / ISO3200: up to Approx. 12.4 m (40.6 feet)(W) / Approx. 6.5 m(21.3 feet)(T)
Convenience Features	
Red-Eye Reduction	Auto / On / Off
Erase/Protect	Erase: Single / Select / Date / Folder, Protect: Single / Select / Date / Folder
Power Save Mode	Standard / Max /Off
Advanced Features	
Sweep Panorama	Sweep Panorama / Sweep Panorama (360)
Face Detection	8 faces
Smile Shutter™ technology	Yes
Image Stabilization	Optical SteadyShot™ Image Stabilization with Active Mode
In-Camera Editing	Retouch / Trimming / Unsharp Masking / Date view
Intelligent Auto	Yes
Tracking Focus	Off / Auto
Blink Detection	Yes
Priority Setting (for Face Detection)	Auto / off
Interface	
Memory Card Slot	MS Duo and SD/SDHC compatible
SD Output	Composite
USB Port(s)	Multi (AV/USB), Hi-Speed USB (USB2.0)
Tripod Mount	Yes
Weights and Measurements	
Dimensions (Approx.)	W x H x D: 5 1/8" x 3 3/4" x 4 7/8" (129.6mm x 95.0mm x 122.3mm)
Weight (Approx.)	1 lb, 4.8 oz (590g)
Weight(Approx) (Main unit only)	1 lb 1.5 oz (495g)
Power	
Battery Type	AA x4
Power Consumption (in Operation)	Approx.1.5W
Power Consumption (in View Finder Operation)	Approx. 350 / Approx. 175min
Software	
Supplied Software	Supplied Software: PlayMemories Home, Image Data Converter Version 4

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Operating System Compatibility	supported, Windows Image Mastering API(IMAPI) Ver.2.0 or later is required to use the function for creating discs.) Windows Vista®SP2 (Starter Edition is not supported) Windows®7 SP1; Windows®8; Mac OS X (10.6-10.8)
Service and Warranty Information	
Limited Warranty Term	1year limited parts / 90days labor
Accessories	
Supplied Accessories	Alkaline (non-rechargeable) AA battery x4 Multi USB cable Shoulder Strap Lens Cap Instruction Manual

1. Records in 29 minute segments
2. Requires HDTV and HDMI cable sold separately

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